

# **New Technology Implementation Grant (NTIG) Program**

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## ***NTIG Electricity Storage Applicant Workshop***





# Workshop Agenda

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- TERP Overview
- NTIG Goals & Objective
- Eligible Applicants & Projects
- Eligible Costs
- Scoring Criteria
- Application Process
- Funding
- Budget Requirements
- Eligible Categories & Ineligible Expenses
- Contracts
- Getting Started & Grant Phases
- Reimbursement
- Contact Information



# What does TERP do?

**The objectives of the TERP are to:**



achieve maximum reductions in nitrogen oxides ( $\text{NO}_x$ ) emissions to help areas of the state meet and maintain National Ambient Air Quality Standards.



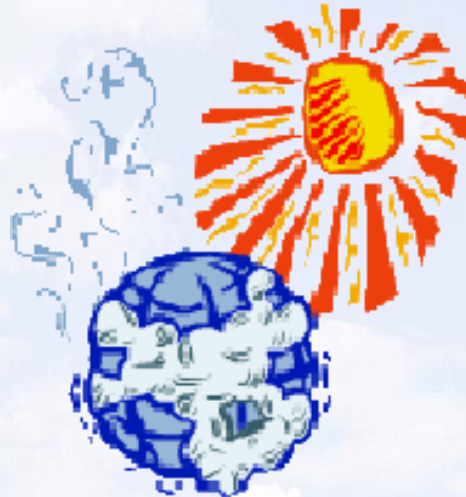
advance new technologies that reduce  $\text{NO}_x$  emissions and other emissions from facilities and stationary sources





# **Why Reduce NO<sub>x</sub> Emissions?**

Ground level ozone is created by chemical reactions of NO<sub>x</sub> and volatile organic compounds (VOC) in the presence of sunlight.



**NO<sub>x</sub> + VOC + Sunlight = OZONE**





# **TERP Grant Programs**

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**Emissions Reduction Incentive Grants (ERIG) Program**

**Rebate Grants Program**

**Texas Clean Fleet Program (TCFP)**

**Texas Natural Gas Vehicle Grant Program (TNGVGP)**

**Seaport and Rail Yards Emissions Reduction (SPRY) Program**

**Alternative Fueling Facilities Program (AFFP)**

**Texas Clean School Bus (TCSB) Program**

**New Technology Implementation Grant (NTIG) Program**

**Light-Duty Purchase or Lease Incentive (LDPLIP) Program**



# **NTIG Objective**

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The NTIG program provides grants for the implementation of existing technologies that reduce emissions of pollutants from facilities and other stationary sources including electricity storage projects in Texas.



# NTIG Goals

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- Help Texas become a leader in new technologies that can solve the state's environmental challenges while creating new business and industry in the state.
- Maintain the quality of air in Texas in order to meet standards established under the Federal Clean Air Act.



# **Eligible Applicants**

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## **The Applicant must:**

- be the owner or licensed operator of a facility located in Texas;
- propose an electricity storage project related to renewable energy in Texas; and
- provide evidence of operational control and that the entity is in compliance with all applicable Texas laws.





# Eligible Projects

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## Eligible Electricity Storage Projects must:

- propose the storage of power from renewable energy to be released back into the grid;
- clearly demonstrate how the electricity storage project is “related to renewable energy”; and
- propose an electricity storage project with rated power of one (1) megawatt (MW) or greater.





# **NTIG Eligible Costs**

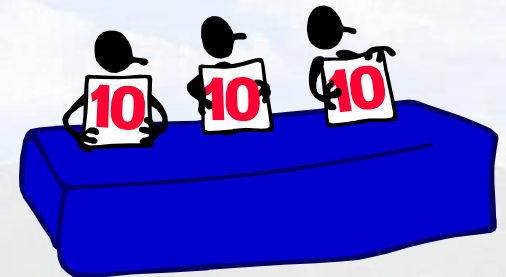
- Projects selected for funding may be awarded a grant amount not to exceed 50% of the costs to implement the project.
- Applicants awarded a grant will be required to match the grant amount.



# **NTIG Grant Scoring Criteria**

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- 25 points – Program Alignment
- 20 points – Energy Storage Capacity (MWh)
- 10 points – Technology Lifetime
- 10 points – Storage System Rated Power
- 10 points – Cycle Efficiency
- 10 points – Storage Response Time
- 10 points – Cost Per 1 kWh Stored
- 5 points – Applicant Qualifications





# **NTIG Application Process**

**STEP 1:** Review the Request for Grant Applications (RFGA), Guidelines, and example contract.

**STEP 2:** Download the application form and W-9 form. Refer to RFGA, Appendix A for the project proposal outline, and Sample Implementation Plan.

**STEP 3:** Complete the application.

**STEP 4:** Mail or hand deliver the application forms and supporting documents.



# **Applications** (Continued)

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## **Strengthening applications:**

- Provide technical support for all claims
- Identify key tasks in implementation plan & timeline
- Provide full and complete answers to all questions under Section 3: Project Proposal Outline in RFGA.
- Provide a feasible implementation plan
- Provide information about any partnerships that will be established for the project's implementation





# Confidential Information

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- MUST be submitted separately
  - Separate envelope
  - Every page marked:  
***“Confidential/Proprietary: inform applicant & Seek AG opinion before releasing”***
  - DO NOT submit electronically
- Applies to supporting information only








# **Application Submittal**

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## **Be sure to submit:**

-  1 signed paper copy of the application, project proposal, and implementation plan.
-  1 electronic copy via a DVD/CD.
-  Label and separate confidential information and submit according to instructions provided in Appendix B of the RFGA.



# Submitting the Application

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## **We cannot accept:**

- Applications via e-mail
- Anything on a USB
- Anything confidential in electronic form
- Photocopied signatures



# **Submitting the Application**

Submit application in person or by mail to:  
**TCEQ**

**12100 Park 35 Circle,  
Bldg. F (MC-204)  
Austin, TX 78753**



One paper copy with original signatures  
(photocopies cannot be accepted)



One electronic copy (CD/DVD only)

**SUBMISSION DEADLINE:**

**May 1, 2018**

**5:00 p.m. Central Standard Time**



# Funding

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There is up to \$1 million in funding available for this grant round.

- There is no maximum award amount per project.
- All funds awarded in Fiscal Year 2018 must be used by **May 31, 2020.**







# **NTIG Budget Requirements**

- Include TOTAL Project Costs
- Identify and distinguish between:
  - expenses eligible for reimbursement (TCEQ pays); and
  - expenses that are part of the project and will be matching cost (Applicant pays).





# **NTIG Eligible Categories**

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## **Eligible Budget Categories:**

- Equipment
- Supplies and Materials
- Construction
- Contractual Services
- Other Expenses
- Salaries & Fringe Benefits
- Travel





# **NTIG Ineligible Expenses**

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- **Project costs not eligible for reimbursement:**
  - Costs incurred prior to opening of grant round, February 21, 2018
  - Escalation, inflation, indeterminates, and contingencies
  - Facility improvements and equipment not directly associated with the project
  - Costs related to the operation and maintenance of the grant-funded technology
  - Purchase of testing equipment
  - Fees for TCEQ-issued permits
  - Administrative costs





# Contracts

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- Executed contract required
- Notice to Proceed (NTP)
  - Limited
  - Final





# Getting Started

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- ➡ Provide TCEQ proof of insurance and property rights.
- ➡ Provide documentation of renewable energy construction and integration with the grid.
- ➡ Receive Notice to Proceed from TCEQ.
- ➡ Begin project, submit requests for reimbursement.







# NTIG Grant Phases



- **Implementation Phase**

- Construction
- Reimbursement
- *Reimbursement must be completed by **May 31, 2020***
- Quarterly Status Reports required
- Completion of Implementation = Final Status Report



- **Five-Year Operational Phase**

- Facility must remain operational for five years from project completion
- Annual Status Reports required





# **Operational Requirements**

- Ownership/control
- Facility in good operating condition
- Annual reports
- Compliance





# **Reimbursement**

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## **Supporting Documentation Required:**

- cancelled checks (front and back)
- credit card or bank statements
- itemized invoices
- connect the dots





# Reimbursement

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- Request reimbursement after the costs have been incurred and paid
- Submit requests monthly as incurred or upon completion
- Status reports may be required
- Reimbursement forms will be provided with contract





# NTIG Contact

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[www.terpgrants.org](http://www.terpgrants.org)

We are here to help!

